WHAT IS CLAIMED IS:

1. A male portion for percussive rock drilling, the male portion having an end portion on which an external thread for percussive rock drilling is provided; an end surface of the male portion comprising an abutment surface for the transfer of impact waves; said male portion having a first cross-sectional area along a region thereof where the thread has a full profile, wherein a length of the male portion is defined as a length from a plane of the impact surface to a point where an imaginary coaxial circular cylinder ceases to touch a crest of the thread, wherein a quotient of said length divided by the diameter of the cylinder, lies within the range of 1-2; said male portion having a second cross-sectional area situated farther from said impact surface than said length L; said second cross-sectional area being greater than said first cross-sectional area.

2. The male portion according to claim 1, wherein the second cross-sectional area lies within a distance of 1-5 mm beyond the length L.

3. The male portion according to claim 1, wherein the range is 1.2-1.9.

4. The male portion according to claim 3, wherein the diameter of the cylinder is less than 37 mm.

5. The male portion according to claim 4, wherein the range is 1.3-1.6.

6. The male portion according to claim 1 fixedly connected to an end of a rod or a tube of steel to form a drill rod having a through-going axial flush channel.

7. A drill bit for percussive rock drilling having an end portion provided with a central recess having an internal thread for percussive rock drilling provided along a portion of the recess, said recess comprising an abutment surface at an inner end thereof, wherein a length is defined from the impact surface to a point where an imaginary coaxial circular cylinder ceases to contact a crest of the thread, wherein a quotient of the length divided by the diameter of the imaginary cylinder lies within the range of 1-2.

8. The drill bit according to claim 7, wherein the range is 1.2-1.9.

9. The drill bit according to claim 8, wherein the diameter of the imaginary cylinder is less than 36 mm.

10. The drill bit according to claim 9, wherein the range is 1.3-1.6.

11. The drill bit according to claim 7, rigidly connected to an end of an rod or a tube of steel to form a drill rod having a through-going axial flush channel.

12. A threaded joint between a male portion and a drill bit for percussive rock drilling, said male portion comprising at least one male thread for percussive rock drilling provided at a first portion at an end of the male portion, an end surface of the male portion comprising an abutment surface for the transfer of impact waves, said male portion having a first cross-sectional area in a region where the thread has full profile, said drill bit provided with a central recess comprising an internal female thread for percussive rock drilling provided along a portion of the recess, said recess comprising an abutment surface at an inner end thereof, wherein a first length is defined from the impact surface to a point where a first coaxial circular imaginary cylinder ceases to contact a crest of the thread, wherein a

quotient of said first length divided by the diameter of the first cylinder lies with a first range of 1-2; a second length is defined from the impact surface to a point where a second imaginary coaxial circular cylinder ceases to touch a crest of the female thread, wherein a quotient of the second length divided by the diameter of the second cylinder lies within a second range of 1-2.

13. The threaded joint according to claim 12, wherein each of the first and second ranges is 1.2-1.9.

14. The threaded joint according to claim 13, wherein the diameter of each of the first and second cylinders is less than 37 mm.

15. The threaded joint according to claim 14, wherein each of the first and second ranges is 1.3-1.6.